

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (canceled)

Claim 10 (Currently amended): An artificial joint, comprising:

a condyle having a second functional surface; and

a joint socket having a socket part, an inlay having a first functional surface, and cogging formed between the socket part and the inlay, the first and second functional surfaces being functionally interlinked, wherein the first functional surface is non-spherical in shape, and the first functional surface has orbital radii that differ from each other in a main functional plane relative to a secondary functional plane rotated by 90° with respect to the main functional plane, and wherein the first functional surface is affixable in different positions relative to the joint socket so as to individually adapt the artificial joint to the patient, the different positions corresponding to different locking stages formed by the cogging, the cogging allowing an alignment of the joint relative to both a frontal and a sagittal plane of the patient, wherein the artificial joint is a human hip replacement joint.

Claim 11 (Previously presented): The joint as recited in claim 10, wherein the first functional surface displays an asymmetry in the main functional plane as compared to the secondary functional plane while the second functional surface exhibits symmetrical functional planes.

Claim 12 (Previously presented): The joint as recited in claim 10, wherein the first functional surface is non-spherical.

Claim 13 (Previously presented): The joint as recited in claim 10, wherein the first functional surface is one of drum-shaped, spindle-shaped, and oval.

Claim 14 (Canceled)

Claim 15 (Previously presented): The joint as recited in claim 10, wherein the first functional surface is securable in the different positions relative to the joint socket by a positive connection.

Claim 16 (Previously presented): The joint as recited in claim 10, wherein the first functional surface is securable in the different positions relative to the joint socket by a shrinkage connection.

Claim 17 (Currently amended): The joint as recited in claim 10, wherein a diameter of one of the first and second functional surfaces in [[a]] the frontal plane of the patient is between 0.5 mm and 8 mm greater than a diameter of the respective functional surface in [[a]] the sagittal plane.

Claim 18 (Currently amended): The joint as recited in claim 17, wherein the diameter of one of the first and second functional surfaces in the frontal plane of the patient is 2 mm greater than the diameter of the respective functional surface in the sagittal plane.

Claim 19 (Previously presented): The joint as recited in claim 10, wherein the first and second functional surfaces are made of polyethylene.

Claim 20 (Canceled)